INDEX OF AUTHORS

Page numbers in italics refer to contributions, the others to the reference list at the end of papers

Åberg, E., 403
Abou-el-Fittouh, H. A., 229
Abramowitz, M., 411
Ahuja, M. R., *454-455*
Akerman, A., 340
Akyama, J., *456*
Allan, J. A., 332
Allan, R. E., 289
Allison, A. C., *306-307* (Bk. rev.)
Al-Mashhadani, H. M., *457*
Amenson, C. S., 251
Amirkhanian, J. D., *155*
Anders, F., *454-455*
Anderson, T. W., 432
Andersson-Kottö, I., 282
Ando, T., 251, 252
Angerer, R. C., 251
Angseesing, J. P. A., 293, 332
Angseesing, W. J., 332
Antonovics, J., 24
Araújo, A. M. de, *291-293*
Arlett, C. F., *145*
Arnason, A., *460-461*, *461*
Arst, H. N., Jr., *149*, *306* (Bk. rev.)
Arthur, A. E., 303
Ashburner, M., 298
Aston, J. L., 24
Atherton, L., 206
Atkin, N. B., 438
Atkins, N. B., 206
Atwood, K. C., 355
Auerbach, R., 127
Aung, T., *453*

Babcock, E. B., 448
Bailey, D. W., 24, 269
Bailey, R. J., *109-112*
Baker, I., 67
Banthorpe, D. V., 190
Barer, R., 133
Barker, C., 205
Barlow, B. A., *27-40*, 40
Barlow, N., 392
Barnes, B. W., 375
Baron, A. J., *453*
Barrett, J. A., *460*
Barry, E. G., 432
Bassel, A., 449
Barto, B., 127
Bateman, N., 170
Bate-Smith, E. C., *413-416*, 416
Bazetoux, S., 251
Beardmore, J. A., *147*
Bear, J. C., *148*
Beck, H., 355
Bell, A. E., 170, 171
Bendich, A. J., 251
Benn, P. A., *145*
Bennett, M. D., 251, 403, 449
Berlyn, G. P., 448
Bernier, G., 449
Berry, E. A., 133
Berry, R. J. (Ed.), *127*
Bevan, E. A., *129-134*, 133, 134, *150*
Bhowal, J. G., 385
Bianchi, N. O., 438
Bielschowsky, M., 127
Birky, C. W., Jr., 106 (Ed.), *306*
Birnstiel, M. L., 385, 448, 450
Bishop, J. A., 293
Blackwell, J. M., *459*
Bliss, C. I., 92
Blyth, D. E., *215-230*, 230
Boam, T. B., 25
Bodmer, W. F., *451*
Bond, D. J., *155-156*
Bonner, J., 251, 252
Bonner, T. I., 251
Borlang, N. E., 230
Bortolozzi, J., *295-298*
Bos, M., *152*
Botcham, M., 251
Boycott, A. E., 282
Boyd, W. J. R., 230
Boydell, C. W., 340
Boynton, J. E., 107
Bradley, D. J., *459*
Bradshaw, A. D., 24, 25
Braidwood, R. J., 403
Brasier, C. M., *365-375*, 375
Breese, E. L., 24, 25, 81, 375, 420
Brenchley, W. E., 24
Brenner, S., *451*
Brett, M., *452-453*
Brewbaker, J. L., 325, 332
Bridges, B. A., *145*
Bridges, C. B., 411
Briggs, B. G., 24
Britten, R. J., 251, 449
Broadhurst, P. L., 375
Brockman, J. S., 333
Brown, K. G., 325, 332
Brusick, D. J., 190
Buckton, K. E., *457*
Bull, K., *460*, *460-461*

Bulmer, M. G., 67
Burgi, E., 251
Burnet, B., *152*
Burr, E. J., 229
Burton, K., 449
Bussey, H., 133
Byers, T. J. (Ed.), *306*

Cahn, M. G., *309-325*, 325, *327-333*, 332
Cain, A. J., 269, 332, *452*
Caligari, P. D. S., 92, 303
Cameron, F. M., 213
Cannon, M., 190
Carnahan, H. L., 325, 332
Carr, A. J. H., *453-454*
Carter, B. L. A., 190
Carver, T. L. W., *453-454*
Casparie, W. A., 403
Casselton, L. A., *154-155*, *155*
Caten, C. E., 81
Cattell, R. B., 57
Cavalli-Sforza, L. L., 57
Cech, T. R., 251
Cerdà-Olinedo, E., 190, 191
Chamberlin, M. E., 251
Chandley, A. C., *135* (Bk. rev.)
Chapman, A. B., 171
Charles, A. H., 325, 332
Chaudhry, A. S., 289
Cheng, T., 449
Childers, W. F., 206
Chipchase, M., 385, 448
Chooi, W. Y., 251, 449
Christian, L., 206
Christiansen, F. B., 67, 205
Chuang-Sheng Lin, 229
Chung, C. S., 171
Church, R. B., 251
Clarke, B., *253-269*, 269, *271-282*, 282, 332
Clarke, B. C., 332, 333
Clarke, C. H., 190
Clausen, R. E., 355
Clayton, J. W., 205
Cochran, W. G., 7
Coddington, A., *179-191*, 191
Cohen, E. H., 251
Collins, J. L., 449
Collins, P. M., *457*
Comstock, R. E., 92, 177
Connolly, V., 6, 170, 375
Contreras, J. R., 438
Cooke, P., 81
Cooper, D., 190
Corkhill, L., 325, 332
Cornette, J. L., 67
Correns, C., 40
Costello, W. P., 133
Cove, D. J., *153*
Cowan, J. W., *155*
Crampton, H. E., 269, 282
Crawford-Sidebotham, T. J., 293, 332
Creed, E. R., 24
Crick, F. H. C., 251
Croft, J. H., 81
Crosby, A. R., 385
Crow, J. F., 67
Crowe, L. K., 420
Cullis, C. A., 385
Cundliffe, E., 190
Curtis, C. F., *456*

Da Cunha, A. B., 298
Daday, H., 293
Dalton, D. C., 170
Dando, P. R., *193-206*, 205
Daniels, K. M., 134
Darlington, C. D., 57, 112, 449
Darvey, N. L., 385
Davidson, E. H., 251, 449
Davidson, G., *456*, *457*
Davidson, N., 252
Davies, D. A. L., *454*
Davies, D. R., 385
Davies, J., 190, 191
Davies, M. S., 6, *9-25*, 24, 25
Davies, P. J., *144*
Dawes, I. W., 190
Deakin, M. A. B., 67
Dee, J., 191
De Fonbrunne, P., 133
Dempster, E. R., 67
Deol, M. S., 127
Deutsch, S., 416
Dickerson, G. E., 92, 170
Dickinson, A. G., *146*
Dickson, E., 251
Diver, C., 282
Doerschug, E., 449
Doerschug, E. B., *441-450*
Domaniewska-Sobezak, K., *306-307*
Donaldson, E., 289
Dowdeswell, W. H., 24
Dowrick, V. P. J., 269
Dove, W. F., 191
Dowker, B. D., 229
Drainas, C., *153*
Drake, J., 191
Driscoll, C. J., 385
Druger, M., 170
Dunn, Etta, *455-456*, *456*
Dunn-Coleman, N. S., *154*, *455-456*, *456*
Durrant, A., 364
Dyn, N., 67

Eaton, N. R., *149*
Eaves, Lindon, *41-57*, 57
Eberhart, S. A., 92
Ebling, F. J. (Ed.), *138-140*
Ebringer, A., *454*, *455*
Edwards, J. H., 411, *460*, *460-461*, *461*
Eglington, E. G., 81, 364

Eisemann, R. L., *215-230*
Eisenhart, C., 433
El-On, J., *459*
Endler, J. A., 24
Engel, W., 206
England, F. J. W., 421
Eriksson, K., *341-350*
Eriksson, T., 449
Evans, I. H., *150*
Eyfjörd, J. E., *145*
Eysenck, H. J., 57

Falconer, D. S., 40, 57, 92, 127, 170, 171
Fangman, W. L., 191
Fantes, P. A., *143*
Farrow, R., *152*
Feldman, M. W., 57
Festing, M., *454*
Fincham, J. R. S., *452*, *452-453*, *453*
Fick, G. N., 289
Fink, G. R., 134
Finlay, K. W., 6, 92, 229, 230
Fisher, R. A., 269, 392, 432
Firtel, R. A., 251
Flamm, W. G., 385
Flavell, R. B., *231-252*, 251, 252, *377-385*, 385, 449
Fleming, W. H., 67
Ford, E. B., 24
Foster, C. A., 421
Foulds, W., 293
Franca, Z. M., 298
Frank, F., 127
Franzin, W. G., 205
Fredga, K., 438
Freeman, F. N., 57
Freeman, G. H., 92, 229, 230, 303
Freeman, J. C., *459*
Frey, K. J., 230
Fripp, Y., 6
Frydenberg, O., 205
Fuentes, M. C., 171
Fujino, K., 206
Fulker, D. W., 57
Fyfe, V. C., 392

Gadi, I. K., 439
Galau, G. A., 251
Gale, M. D., *283-289*, 289
Gall, J. G., 355
Garg, G. S., 439
Garrard, W. T., 251
Garrido, M. C., 298
Garstang, S., 282
Geidel, H., 92
Georgiev, G. P., 251
German, J. (Ed.), *135-137*
Gierer, A., 251
Gill, A. E., *113-128*, 127
Gill, B. S., 403
Gillespie, D., 449
Gillham, N. W., 107
Giorgi, B., 340
Gittens, R., 6
Givens, J. F., 449
Goodchild, N. A., 230
Goodman, L. A., 432
Gordon, M., 206
Gottesfeld, J., 251
Graham, D. E., 251
Graham, R. J. D., 416
Green, M. C., 127
Green, M. H. L., *145*
Greig-Smith, P., 325
Grell, E. H., 411
Griffing, B., 303
Griffiths, D. J., 24
Grime, J. P., 293
Grisebach, H., 416
Grollman, A. P., 191
Gropp, A., 439
Grubbs, F. E., 107
Grüneberg, H., 127
Gudmundsson, S., *461*
Guénin, H. A., 40
Guerola, N., 190, 191
Gupta, P., 439
Gutz, H., 191

Haldane, J. B. S., 171, 433
Halkka, O., *341-350*
Halloran, G. M., 340
Hamilton, W. D., 57
Hamer, D. H., 251
Hanawalt, P. C., 190
Handford, P. T., 24
Hansen, C. T., 171
Hanson, A. A., 325
Hanson, A. F., 332
Harberd, D. J., 24, 325, 332
Harborne, J. B., 416
Harden-Jones, F. R., 206
Hardin, R. T., 171
Hardwick, R. C., 6, 303
Harnden, D. G., *145*
Harper, J. L., 24, *309-325*, 325, *327-333*, 332
Harrison, B. J., 81
Hartley, H. O., 433
Hartwig, N., 269
Haugli, F. B., 191
Hayman, D. L., 421
Hayward, M. D., 24, 25, 421
Hearst, J. E., 251
Heitz, E., 449
Helagson, T., *460-461*
Hennig, W., 355
Hereford, L. M., 191
Herring, A. J., *129-134*, 133, 134
Hershey, A. D., 251
Heslop-Harrison, J., 25

Heslot, H., 191
Hewitt, G. M., 213
Hewitt, J. K., 57
Hilbert, G., 416
Hill, H. D., 325, 332
Hill, J., 81, 92, 303, 364
Hinde, R. A., 332
Hiraizumi, Y., 298
Holliday, R., *147*
Holmes, D. S., 251
Holzinger, K. J., 57
Horner, T. W., 230
Hotta, Y., 449
Hough, B. R., 251
Howe, H. B., 191
Hsu, K. S., 191
Hu, M. L., 289
Huestis, R. R., 127
Huguet, T., 251
Hurn, J., 252
Hutchinson, J., *207-213*, 213
Hutchinson, N., 251

Ibrahim, M. A. K., *179-191*, 191
Ikeda, Y., 252
Ingle, J., 385
Inglis, R. J., *148*
Ingraham, J. L., 191

Jacobson, A., 251
Jacqmard, A., 449
Jain, S. K., 25
James, A. P., *144*
James, J. W., 128
James, S. H., 40
Jencks, C., 57
Jensen, A. R., 57
Jensson, O., *461*
Jimenez, A., 191
Jinks, J. L., 6, 57, *69-81*, 81, 92, 170, 171, 177, 230, 303, 340, *357-364*, 364, *365-375*, 375
John, B., 112
Johnson, A. G., 421
Johnson, M. S., 206
Johnson, V. A., 289
Johnston, A. E., 25
Johnstone-Wallace, D. B., 332
Jones, D. A., 293, 333
Jones, K., 40
Jones, L. M., *109-112*
Jones, R. M., 171
Jones, R. N., *137-38* (Bk. rev.)
Jouanin, L., 251

Kacser, H., *459*
Kambal, A. E., *413-416*
Kang, J., 206
Kaplan, S. M., 40
Karlin, S., 67
Kaudewitz, F., 191
Kays, S., 325
Kearsey, M. J., 177, 375
Keeler, K. H., 67
Keener, S., 449
Kemp, R. F. O., 133, *459-460*
Kempthorne, O., 303
Kettlewell, H. B. D., 333
Khera, P. K., 107
Kidwell, J. F., 298
Kidwell, M. G., 298
Kiefer, B. I., 355
Kilbey, B., *143-144*
Kilbey, B. J., *144*
Kim, Y. J., 439
Kimber, G., 403
Kindle, K., 251
King, J. M. B., 269
Kinghorn, J. R., *153*, *154*
Kirby, K. S., 449
Kissmeyer-Neilson, F., *460-461*, 461
Kleese, R. A., 385, 449
Klingmüller, W., 191
Koehn, R. K., 206
Kojima, K., 375
Konzak, C. F., 289
Kooyman, A. H., 205
Kopeć, A. C., *306-307*
Korn, M. E., 293
Kram, R., 251
Kuijt, J., 40
Kunz, W., 355
Kuspira, J., 340
Kylin, H., 325

La Cour, L. F., 112, 449
Lacy, I. H. de, *215-230*
Laird, C. D., 251, 252
Lalouette, J. A., 421
Lamb, B. C., *423-433*, 432
Lambert, J. M., 230
Lamm, L. U., *460-461*, *461*
Lancaster, H. O., 432
Langley, C., 298
Langridge, W. H. R., 450
Larson, I., 269
Lasley, J. F., 171
Latyszewski, M., 171
Law, C. N., 81, 289, *335-340*, 340. 385
Lawrence, M. J., 375
Lazarus, C. M., *150*
Learner, I. M., 171
Lee, B. K., 191
Lee, R. W., 107
Lejuez, R., 269
Lemeunier, F., 298
Leoncini, O., 355
Leupold, U., 191
Levan, A., 450
Levene, H., 67

Lewin, B., 251
Lewis, D., 40
Lewis, K., 112
Lidicker, W. Z., Jr., 127
Lightfoot, D., 449
Ligny, W. de, 206
Lindegren, C. C., 191, 432
Lindegren, G., 191
Linde-Laursen, I., 403
Lindsley, D. L., 411
Lindsten, J., 411
Linhart, Y. B., 67
Link, B., 355
Lints, F. A., *146*
Little, C. C., 127
Littlewood, B., 191
Lloyd, D. G., 40
Lodish, H. F., 251
Lokki, J., *341-350*
Longwell, A. C., 385
Loprieno, N., 191
Löve, 40
Lundman, B., 269
Lundquist, A., 421

McAthey, P., *143-144*
McCarthy, B. J., 251, 252
McConaughty, B. C., 252
McDermott, A., *137-138*
Macdonald, D. J., *155-156*
McKee, D. W., 134
Mackenzie, D. R., 230
Mackey, J., 340
Mackintosh, P., *460*
McKusick, V. A., 411
McLaughton, P., *461*
Macmasters, M. M., 416
McNary, H. W., 170
McNeilly, T., 25
McWhirter, K. G., 24
Makino, S., *135*
Makower, M., 133
Manning, J. E., 252
Markwong, A., 439
Marmur, J., 449
Marrakechi, M., 355
Marshall, G. A., *283-289*, 289
Marshall, J., 439
Martin, V. C., 392
Mather, K., 57, 81, 92, 171, 269, 303, 340, 375, 392, 411
Matthey, R., 439
Mattinson, G., 438
Mayer, B., 107
Mayer, T. C., 127
Maynard-Smith, J., 57, 67
Maystrenko, O. I., 340
Medvedev, Zh. A., *147*
Meer, B., 355
Megnet, R., 191
Merritt, R. B., 206
Mexas, A. G., 230
Middlekauf, J. E., 191
Miksche, J. P., *441-450*, 448, 449
Milstein, C., *451*
Mino, S., 191
Mitchison, N. A., *458*
Moav, R., 92
Moore, C. A., 364
Morris, R., 289
Morton, N. E., *405-411*, 411
Mourant, A. E., *306-307*
Miller, E. T., 206
Miller, P. A., 229
Mintz, B., 127
Mitchell, D. J., *129-134*, 133, 134
Mitchell, M. B., 432, 433
Mohan, J., 385
Moll, R. H., 92
Moore, C. A., 81
Morgan, T. H., 298, 411
Moriwaki, D., 298
Morris, C. A., 128
Morris, T., 439
Morrison, J. W., 403
Morrison, W. J., 206
Mukai, T., 298
Mulcahy, D. L., 40
Mungomery, V. E., 230
Muriel, W. J., *145*
Murray, B. G., 421
Murray, J., *253-269*, 269, *271-282*, 282
Myers, P., 128

Nabours, R. K., 269
Nagylaki, T., *59-67*, 67
Navashin, M., 449
Neufeld, B. R., 251
Neuhäuser, A., 191
Newlon, C. S., 191
Newman, H. H., 57
Nill, A., 298
Noll, M., 252
Numachi, K., 206
Nurse, P., *143*

O'Dell, D. S., *149*
O'Dell, M., *377-385*
O'Donald, P., *460*
Ogawa, K., 40
Ohno, S., 206, 438, 439
Ono, T., 40
Orias, E., 191
Ornduff, R., 393
Orozco, F., *157-171*, 171
Oster, I. I., 298
Owen, M., 325
Owen, R. D., 127

Pandey, K. K., 421
Pani, S. N., 171
Panse, V. G., 81
Park, Y. I., 171
Parry, E. M., *144*
Parry, J. M., *144*
Pateman, J. A., *153*, *154*, *455-456*, *456*
Pathak, S., 439
Paul, J., 252
Pearson, E. S., 433
Pearson, O. P., 127
Pennington, T. H., *137*
Perkins, D. D., 433
Perkins, J. M., 6, 81, 92, 177, 230, 303, 364
Perlman, P. S. (Ed.), *306*
Petes, T. D., 191
Philip, J., 269
Phillips, R. L., 385, 449
Piech, J., 289
Pimental, D., 25
Pisek, A., 40
Pomper, S., 134
Pongratz, M., 191
Powers, D., 206
Powers, D. A., 206
Poulter, R. J., 191
Preston, T. M., *149*
Price, H. J., 449
Prout, T., 67
Prud'homme, N., 355
Pugsley, A. T., 340
Purdom, C. E., *193-206*, 206
Pusey, J., 325
Pusey, J. G., 293, 333
Putwain, P. D., 325

Qualset, C. O., 289
Quevedo, W. C., Jr., 127

Radley, M., 289
Raman, R., *435-439*, 439
Ramanis, Z., 107
Ramirez, S. A., 385, 449
Rao, C. R., 7
Rao, D. C., *405-411*, 411
Rao, S. S., 191
Rasper, V., 416
Raunkiaer, C., 325
Rawlings, J. O., 229
Rees, H., *109-112*, 112, *207-213*, 213
Reich, T., 128
Renkawitz, R., 355
Renwick, J. H., 411
Riley, R., 385
Ritchie, D. A., *137*
Ritossa, F. M., 355, 449
Roberts, C. F., 191
Roberts, C. H. T., 191
Roberts, D. F., *148*
Robertson, A., 92, *452*
Robertson, F. W., 171, *305-306* (Bk. rev.), *458*
Robinson, H. F., 177
Robinson, R., 128
Rohlf, F. K., 128
Roper, J. A., *148*, 191
Rowlands, R. T., *151-152*
Russell, E. W., 25
Russell, W. A., 92
Ryskov, A. P., 251

Sadam, M. I. R., 289
Sagar, G. R., 325
Sager, R., 107
Sakhare, R. S., 416
Sandler, L., 411
Sarukhán, J., 325
Satyaprakash, K. L., 439
Saunders-Singer, A. E., 133
Saura, A., 341-350
Scazzocchio, C., *153*
Schachman, H. K., 252
Schäfer, U., 355
Schaible, R. J., 128
Shermoen, A. W., 355
Schiemann, E., 403
Schmid, C. W., 252
Schmidt, J. W., 289
Schmidtke, J., 206
Schofield, G. C., 127
Schötz, F., 107
Schraufstatter, E., 416
Schrier, B. K., 252
Schumaker, V. N., 252
Schwab, M., *454-455*
Seale, T. W., *452*
Sealy-Lewis, H., *154-155*, *155*
Searle, A. G., 128
Sears, E. R., 289, 385
Sevall, J. S., 251
Shackelford, R. M., 127
Sharma, T., *435-439*, 439
Shaw, P. G., 333
Sheppard, P. M., 269, 332
Schipmann, G., 206
Shishido, K., 252
Shorter, R., 230
Showler, K., 40
Siegel, A., 449
Siegel, M. R., 191
Siegel, S., 433
Sigurdardottir, S., *461*
Simchen, G., 81, 170, 375
Simonsen, V., 205
Simpson, A. C., 206
Sinclair, J., 385
Sinclair, J. H., 385, 449
Singh, R. B., *173-177*
Singh, Sultan, *173-177*
Singleton, J. R., 433
Sisler, H. D., 191
Slatkin, M., 67

Slatko, B., 298
Smith, B. W., 40
Smith, D. B., *231-252*, 251, 252, 385, 449
Smith, G. P., 449
Smith, J. B., 251, 403, 449
Smith, M. J., 252
Snape, J. W., *335-340*
Snaydon, R. W., 6, 7, *9-25*, 24, 25
Snoad, B., 303
Soane, I. D., 333
Sober, H. A., 449
Sokal, R. R., 128
Somers, J. M., 134
Southern, H. N. (Ed.), *127*
Sparrow, A. H., 449
Spear, B. B., 355
Spiegelman, S., 355, 449
Spiers, J., 385, 448
Spoor, W., *417-421*
Sprent, P., 303
Stanworth, D. R., *461*
Stebbins, G. L., 40, 251
Steel, C. M., *135-137* (Bk. rev.)
Stegun, I. A., 411
Steindl, F., 40
Stendell, R. C., 128
Stenius, C., 206
Stern, H., *441-450*, 449
Stoddart, D. M., 128
Stormont, C., 206
Straus, N. A., 252
Streams, F. A., 25
Stubbe, W., 107
Studier, F. W., 252
Sturtevant, A. H., 298
Sucoka, N., 449
Sutton, W. D., 252
Suzuki, S., 230
Sved, J. A., 298
Svihla, G., 385
Swain, T., 416
Swed, F. S., 433
Swinfield, G. M., *458*

Tai, G. C. C., 303
Tartof, K. D., 355, 449
Tartoff, K. O., 449
Terry, C. E., 191
Teoh, S. B., *207-213*
Thoday, J. M., 25, 81
Thomas, A. C., 24
Thomas, C. A., Jr., 251
Thomas, H., *453*
Thompson, D., *193-206*
Thompson, J. N., Jr., 298
Thompson, P., 229
Thomson, G., *459*
Thuriaux, P., *143*
Thurston, J. M., 25
Tilney-Bassett, R. A. E., *95-107*, 107
Timmis, J. N., 385
Tinbergen, L., 333
Tjio, J. H., 450
Tobari, Y. N., 298
Tomsett, A. B., *153*
Towey, P., *69-81*, *357-364*
Tretiak, D. N., 205
Tribe, D. E., 333
Truslove, G. M., 127
Turner, F. M., 282
Turner, G., *150-151*, *151*, *151-152*
Turner, S. H., 251

Ullman, J. S., 252
Underbrink, A. G., 449
Unrau, J., 340
Utz, H. F., 92

Van Zeist, W., 403
Varshavsky, A. J., 251
Verma, M. M., *365-375*
Vodkin, M. H., 134
Voelker, R. A., 298
Vomvoyanni, V., 191
Von Ubisch, G., 393
Vetta, Atam, 146
Vosa, C. G., *395-403*, 403

Waddington, C. H., *305-306*
Waddle, F. R., 298
Waldron, C., 191
Walker, P. M. B., 252, *451*
Wallace, H., 450
Walters, J. L., 112
Wang, S. S., 385, 449
Ward, O. G., 449
Waring, R. B., *153*
Warington, K., 24
Warr, J. R., *152*, 191
Warren, R. G., 25
Watson, C. M. J., *151*
Watson, P. J., 25
Webb, D. A., 325
Weber, D. F., 385
Weimark, A., 403, 421
Weinmann, R., 355
Weller, S. G., *387-393*, 393
Welsh, J., *455*
Wetmur, J. D., 252
Wheat, T. E., 206
White, M. J. D., 40
Whitehouse, H. L. K., 433
Whitman, R. J., 293
Whitt, G. S., 206
Wickramaratne, M. R. T., *423-433*, 433
Wiens, D., *27-40*, 40
Wilkes, M., 251
Wilkie, D., *150*, 190, 191
Wilkinson, G. N., 6, 92, 229
Williams, P., 213

Williams, S., *365-375*
Williams, W. T., 230
Williamson, N., *460-461*, *461*
Wilson, D. A., 252
Wilson, S. H., 252
Winge, O., 206, 269
Wishart, D., 230
Wohlfarth, G. W., 92
Wolf, V., 206
Wolton, K. M., 333
Wood, J. T., *1-7*, 6, 303
Woods, D. R., 134
Woodruff, R. C., *295-298*, 298
Woods, R. A., 133, *152*
Wootton, J. C., *452-453*
Worland, A. J., 289, *335-340*, 340, 385
Wricke, G., 92
Wright, A. J., *83-93*, 92, *299-303*, 421
Wright, C. E., 421
Wright, J. E., 206
Wright, S., 81
Wu, J. R., 252

Yamada, Y., 171
Yamaguchi, O., 298
Yang, S. P., 191
Yasmineh, W. G., 252
Yates, F., 7, 432
Yee, S., *405-411*, 411
Young, C. R., *454*, *455*
Yunis, J. J., 252

Zimmerman, K., 127

INDEX OF SPECIES

Page numbers in italics refer to the main subjects of the paper

Acacia hockii, 33
Aegilops, 403
Akodon azarae, 438
Anopheles gambiae, *456*, *457*
Anthoxanthum odoratum, 3, *9-25*
Artema salina, 194
Aspergillus, 237
  nidulans, *148*, *149*, *150*, *151*, *153*, *154*, 179, 188, 190, *455*, *456*
Avena barbata, *453-454*
  hirtula, 453
  sativa, *453*

Barley, *395-403*, 460
Boisduvalia glabella, 60, 61

California vole, *113-128*
Campanula persicifolia, 109
Candida albicans, 150
Carrot, 216
Cattle, 204
Cepaea nemoralis, 268
Chimpanzee, *138*, *457*
Chlamydomonas spp., 106
  reinhardi, 152
Cirsium vulgare, 311
Coelopa frigida, *457*
Coprinus, 154, 155, 460
  cinereus, 155
Cotton, 216
Crepis spp., *441-450*
  capillaris, *441-450*
  dioscorides, *441-450*
  neglecta, 442, 448
  neglecta-capillaris, 442
Croton megalocarpus, 27, 33
  macrostachyus, 33

Dictyostelium, 231, 248
Diospyros abyssinica, 33
Downingia concolor, 60, 61
Drosophila, 141, *152*, 158, 168, 193, 231, 305, 441, *451*
  ananassae, 295
  hydei, *351-355*
  mauritiana, *152*
  melanogaster, *152*, 248, 250, 295, 298, 351, *353-354*, *405-411*
  pseudoobscura, *457*
  simulans, *295-298*
  subobscura, *458*
  virilis, *152*
  willistoni, 295

Erysiphe graminis, *453*, *453-454*, *460*
Escherichia coli, 145, 146, 239-241, 246

Festuca ovina, 323
  rubra, 324
Flax, *459*

Gibasis, 35
Grain sorghum, *413-416*

Halibut, *see Hippoglossus hippoglossus*
Heteromorpha trifoliata, 33
Hippoglossus hippoglossus, 195
Holcus mollis, 323
Hordeum spp., *395-403*
  agriocrithon, 396, 398
  bulbosum, 396, 402
  marinum, 396, 399-400
  murinum, 396, 399-401
  secalinum, 396, 401
  spontaneum, 396, 398
  vulgare, *395*, *403*

Isotoma, 39

Kluyveromyces fragilis, 179

Land snails, *see Partula*
Lepidorhombus whiff-iagonis, 196
Lepomis, 205
Limnaea stagnalis, 305
Lolium, *207-213*
  perenne, *207-213*, 322, *417-421*
Lotus corniculatus, 291, 327
Lymnaea peregra, 280
Lysimachia nummularium, 323
Lythrum salicaria, 387, 392

Macaranga kilimandscharica, 33
Man, *137-138*, *145*, *148*, *455*, *458*, 459
Melanospora destruens, 156
Microtus arvalis, 125
  californicus *113-128*
    californicus, *113-128*
    stephensi, *113-128*
  pennsylvanicus, 113

Mouse, 454, 459, 461
Mus minutoides, 438
musculus, 347

Naegleria gruberi, 149
Neurosphora, 180, *452*
crassa, 149, 179, *423-433*, *452*, *453*
Nicotiana, 448
rustica, 4, *69-81*, 173, 216, *357-364*

Oat, cultivated, *453*
Oenothera, 38, 39, 105, 106
Oxalis sp., 387
alpina, 389, 392
lasiandra, 389
macrocarpa, 389
magnifica, 389
section *ionoxalis*, *387-393*
corniculatae, 391-392
laxae, 392
tetraphylla, 389-391
valdiviensis, 391

Paeonia californica, 109
Partula taeniata, *253-269*, 271, 279, 280, 281
suturalis, *271-282*
Pelargonium spp., 95-107
Periplaneta americana, 109
Physalis ixocarpa, 420
Physarum, 180
polycephalum, 179, 189
Plaice, *see Pleuronectes platessa*
Plantago spp., 322
Plasmodium berghei berghei, 457
yoelii, 457
falciparum, 457
nigeriensis, 457
vivax, 457
Pleuronectes platessa, *193-206*
Podospora anserma, *459-460*
Punica granatum, 33

Rat, 460
Rattus norvegicus, *341-350*
Rhoeo, 39
Rumex acetosa, 322
acetosella, 322
hastatulus, 38
Rye, *see Secale cereale*

Saccharomyces cerevisiae, *129-134*, *144*, *149*, *150*, 179, 180, 189
drosophilarum, 150
fragilis, 179, 180
pastorianus, 179
Salvelinus hybrids, 205
Schizophyllum, 158, 168, 169
commune, *365-375*
Schizosaccharomyces pombe, 143, *179-191*
Sea urchin, 247
Secale cereale, 378
Sheep, 460
Sordaria brevicollis, 155
Sorghum bicolor, *413-416*
Sphaeroma, 268

Tapinanthus dschallensis, 33
kilimandscharicus, 33
Teetea simplicifolia, 33
villosa, 33
Tetrahymena pyriformis, 179
Torulopsis glabrata, 150
Tribolium castaneum, *157-171*
Trifolium repens, *291-293*, *309-325*, *327-333*
Triticum aestivum, *see also under* Wheat, 232, 335, 377, 384
dicoceoides, 395
spelta, 336-337, 339, 378, 382

Vandeleuria o. oleracea, *435-439*
Veronica peregrina, 60-61
Vicia, 448
Visca spp., 39
Viscum fischeri, *27-40*
hildebrandtii, 35
album, 37

Wheat, 173-177, 215-230, 216, *231-252*, *283-289*, *335-340*, *377-385*

Xenopus, 231, 232, 237, 239-241, 247, 248, 441
Xiphophorine fish, *454-455*

Zoarces, 203

INDEX OF SUBJECTS

All page numbers are in italics

age effects on heritability, *147-148*
ageing and genetics, *146*, *148*
  mutagenesis, *147*
altitude and cyanogenetics in clover, *291-293*
amino acid sequences and evolution, *452*
  replacement analysis, *452*, *452-453*
analysis of triple test cross in wheat, *173-177*
  genotype-environment interaction in large data sets, *215-230*
ascal segregation classes, random tests on sequence of, *423-433*
assortative mating, *146*

B chromosome selection in *Lolium*, *207-213*

cell size control in *Schizosaccharomyces*, *143*
chiasma map of *D. melanogaster*, *405-411*
chromatin structure, *148*
chromosome aberrations in human embryo fibroblasts, *145-146*
  instability in *Aspergillus nidulans*, *148*
chromosome banding patterns in barley, *395-403*
  variation in controlling ear emergence time in wheat, *335-340*
clonal diversification of immunoglobulin genes, *451*
conditioned lines of *Nicotiana*, *357-364*
control of α-glucoside use by yeasts, *149*
  cellular activity in yeasts, *150*
crossing between yellow- and white-seeded sorghums, *413-416*
cultivar-environment interaction in wheat, 225
cultural transmission, effect of, on continuous variation, *41-57*
cyclohexamide resistance in *Schizosaccharomyces*, *179-191*

deletion mapping of genes of *Aspergillus*, 153
density dependent selection in *Coelopa frigida*, *457*
dispersion-selection balance in plant populations, *59-67*
DNA concentration in wheat, 233
DNA variation in *crepis*, *441-450*
DS-RNA in killer yeast, *129-134*

ear emergence in wheat, control of, *335-340*
egg laying of *Tribolium*, genotype-environment interaction with, *157-171*
environment, contrasting, effect on grass population, *9-25*
environmental variables in relation to genotype-environment interactions, *1-7*
enzyme polymorphisms in plaice, *193-206*
  in rats, *341-350*
estimating number of genes in polygenic systems, *69-81*
extranuclear mutations in *Aspergillus*, *150-151*, *151*, *151-152*

gene cluster in a *Eucaryote*, *154*
gene-environment interactions in *Sordaria*, *155-156*
gene-for-gene resistance to disease, *459-460*
gene for gibberellin insensitivity in wheat, *283-289*
  transfer from wild to cultivated oats, *453*
  expression, control of in *Aspergillus*, *149*
gene mutations, *154*, *154-155*
genetic component in coronary heart disease, *458*
genetic control of DS-RNA, *129-134*
  of cell cycle in *Schizosaccharomyces*, *143*
  of cell division, *152*
    immune response to ferritin in mice, *454*
  tristyly in *Oxalis*, *387-393*
genetic diversity, maintenance of in plant populations, *59-67*
genetic information, transcription of, in specialised cells, *147*
genetic map of *Drosophila*, *405-411*
genetic polymorphism in snails, *253-269*
genetic sexing system for *Anopheles gambiae*, *456*
genetic study on cyclohexamide-resistant strains of *Schizosaccharomyces*, *179-191*
  on pericarp pigment in *Sorghum*, *413-416*
genetics and ageing, *146*, *147*, *148*
genetics in next 10 years, symposium on, *451*
  of disease resistance, *458*, *459*
    enzyme polymorphs in plaice, *193-206*
    shell colour in snails, 273
    susceptibility of *A. gambiae* to malaria infection, *457*
    to Leishmaniasis in mice, *459*
genetic variation for growth rate in *Schizophyllum*, *365-375*
genotype assay, *69-81*

genotype-environment interaction, *1-7*, *83-93*, *157-171*, *215-230*, *299-303*
genotypic adaptation, evaluation of, *215-230*
gibberellin insensitivity in wheat, *283-289*
growth of *Drosophila* on sterol mutants of yeast, *152*

heterochromatin banding technique, *395-396*
homoeologens chromosomes in hexaploid wheat, *377-385*

incompatibility in *ryegrass*, *417-421*
infection in relation to ageing, *146*
inheritance of
  white spotting in voles, *119*
  plastid in *Pelargonium*, *95-107*
  virus-like particles in yeast, *129-134*
interchange heterozygotes *v.* homozygotes, *109-112*

killer yeast, association of, with DS-RNA virus-like particles, *129-134*
  virus-host relationships in, *150*

L-asparaginase regulation in *Aspergillus*, *153-154*
leaf mark polymorphism in *Trifolium*, *309-325*
linear regression analysis of genotype-environment interaction, *83-93*

metabolic disease and dominance, *459*
mildew development, inhibition of, in oats, *453-454*
molecular mimicry as a pathogenic mechanism, *455*
mutagen sensitivity of yeast, *144*
  in cells from human syndromes, *145*
mutant genes in *D. simulans*, *295*
mutants, cyclohexamide-resistant, *182*
  Trichodermin-resistant, of yeasts, *143-144*
mutation, 2-strand, in irradiated yeast cell, *144*
  inherited, suppressors of, in *Aspergillus*, *153*

neoplastic transformation, susceptibility to, in xiphophorine fish *454-455*
nitrate reductase activity, *455-456*
  regulation, *154*
nucleolar suppression in an interspecific *Crepis* hybrid, *441-450*
nucleotide sequence organisation in wheat, 231-252

pericarp pigments in *Sorghum*, *413-416*
phenotypes in conditioned lines of *Nicotiana*, *357-364*
phenotypic changes in amoeba flagellate, *149*
plant populations, dispersion-selection balance in, *59-67*
plastid inheritance in *Pelargonium*, *95-107*
polygenic system, estimating genes in, *69-81*
polymorphism in *Trifolium*, *309-325*
  enzyme, in rats, *341-350*
  hexokinase of *Drosophila*, *458*
  and stability of disease in cereals, *460*
populations at environmental boundaries, *9-25*
post-replication repair in *E. coli*, *461*

random tests on ascus sequences, *423-433*
R-DNA and bobbed phenotype in *Drosophila*, *351-355*
reciprocal translocations of chromosomes, *457*
regression coefficients, bias in estimation of, *299-303*
reproductive performance of white-spotted voles, *113-128*
reversion analysis in *am* gene of *Neurospora*, *453*
Ribosomal-DNA constancy in *Crepis*, *441-450*
R-RNA genes in wheat, *377-385*

selection of B chromosomes in *Lolium*, *207-213*
  interchange heterozygotes, *109-112*
semi-dwarfism in wheat, gene for, *283-289*
sex chromosomes of the tree mouse, *435-439*
sex ratio in *Viscum fischeri*, *27-40*
  in voles, *123*
shell colour in land snails, *253-269*, *271-282*
somatic cell genetics, *451*
spontaneous recombination in *D. simulans*, *295-298*
supergenes in polymorphic snails, *253-269*, *271-282*
suppressor genes, *154-155*, *155*
translocation heterozygosity in *Viscum*, *27-40*
triple test cross analysis in wheat, *173-177*

two-way pattern analysis, *215-230*
tristyly, genetic control of, in *Oxalis*, *387-393*

variability of mandible shape in mice, *454*
variation, continuous, effect of cultural transmission on, *41-57*
  estimating number of genes controlling, *69-81*
variation in *Schizophyllum*, *365-375*

wheat cultivar-environment classification, 218-221

5 80